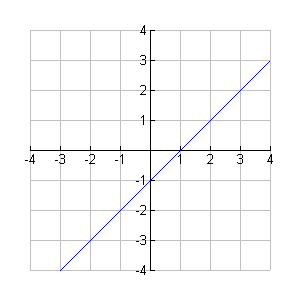
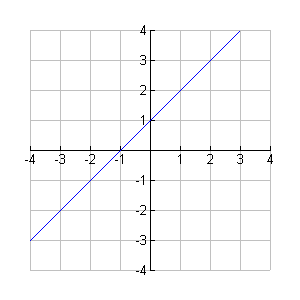
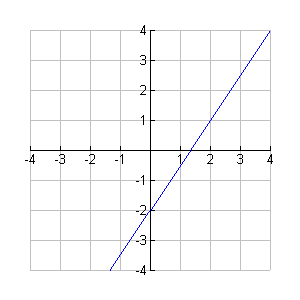
Pre-Assessment Unit 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. In a right triangle, the length of the hypotenuse is four inches. The length of one leg is two inches. Find the length of the other leg.
2. The length of the hypotenuse of a right triangle is six cm. The length of one leg is four cm. Find the length of the other leg.

|  |  |  |
| --- | --- | --- |
| \_\_\_\_\_\_ | 3. | What is the slope of the line passing through the points (0, 5) and (−1, 2)?  a) −3 b) 3 c) 1/3 d) -1/3 |
| \_\_\_\_\_\_ | 4 | Find the slope of any line parallel to the line passing through the points (2, −3) and (−1, 4).  a) −7/3 b) 3/7 c) −3/7 d) 7/3 |
| \_\_\_\_\_\_ | 5 | The slope of a vertical line is ?  a) zero b) positive c) negative d) undefined |
|  |  |  |

***Write the equation represented by each of the following graphs***.



6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve the following.





Complete the following equivalences:

13. 1 mile = feet 14. 1 yard = feet

15. 1 foot = inches 16. 1 day = hours

17. 1 hour = minutes 18. 1 minute = seconds